

# Comparisons of Job Characteristics

**Focus Occupation:** [Electric Motor, Power Tool, and Related Repairers \(49-2092\)](#)

**Associated Occupation:** [Helpers--Installation, Maintenance, and Repair Workers \(49-9098\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 89

**Focus Occupation:** Electric Motor, Power Tool, and Related Repairers (49-2092)

**Associated Occupation:** Helpers--Installation, Maintenance, and Repair Workers (49-9098)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	15.0	17.7	> Current knowledge level is likely sufficient
Public Safety and Security	6.9	9.5	5.4	<< Extensive education and/or training may be required
Engineering and Technology	5.7	9.1	9.2	0 Current knowledge level may be sufficient
Design	5.2	8.2	6.3	< Expanded education and/or training may be required
Building and Construction	4.0	6.9	4.4	<< Extensive education and/or training may be required
Chemistry	4.8	6.8	2.8	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 74

**Focus Occupation:** Electric Motor, Power Tool, and Related Repairers (49-2092)

**Associated Occupation:** Helpers--Installation, Maintenance, and Repair Workers (49-9098)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	10.8	9.8	< A higher skill level may be required
Equipment Maintenance	3.5	10.7	11.5	0 Current skill level may be sufficient
Operation and Control	5.4	10.5	8.7	< A higher skill level may be required
Quality Control Analysis	5.9	10.0	11.9	> Skill level is likely sufficient
Repairing	3.4	9.4	14.0	>> Skill level is likely more than sufficient
Troubleshooting	4.5	9.3	12.6	>> Skill level is likely more than sufficient
Equipment Selection	3.3	8.7	10.4	> Skill level is likely sufficient

Installation	1.7	5.8	7.4	>	Skill level is likely sufficient
Technology Design	2.6	5.8	3.9	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 71			
Focus Occupation: Electric Motor, Power Tool, and Related Repairers (49-2092)					
Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Extent Flexibility	4.8	13.4	7.9	<<	Extensive improvement in abilities may be required
Arm-Hand Steadiness	6.8	12.4	10.8	<	Some improvement in abilities may be required
Static Strength	5.0	11.6	6.8	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	11.1	7.2	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	10.1	9.8	0	Current ability level may be sufficient
Dynamic Strength	3.5	8.5	5.0	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	8.4	5.2	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	7.5	5.5	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 79
<b>Focus Occupation: Electric Motor, Power Tool, and Related Repairers (49-2092)</b> <b>Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)</b>		
Work Activities	Exclusivity of Activity	
Apply cleaning solvents	41	
Clean equipment or machinery	20	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Inspect machinery or equipment to determine adjustments or repairs needed	42	
Lubricate machinery, equipment, or parts	59	
Move or fit heavy objects	8	
Perform safety inspections in industrial, manufacturing or repair setting	32	
Read blueprints	10	
Read work order, instructions, formulas, or processing charts	9	

Repair or replace electrical wiring, circuits, fixtures, or equipment	49
Test mechanical products or equipment	56
Understand service or repair manuals	40
Understand technical operating, service or repair manuals	6
Use hand or power tools	2
Use pneumatic tools	66

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Electric Motor, Power Tool, and Related Repairers (49-2092)**

**Associated Occupation: Helpers--Installation, Maintenance, and Repair Workers (49-9098)**

### Tools and Technologies

### Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.